

## CLAIMS

1.- Improved ear tag, characterized in that it is constituted of two parts, a tap part (1) and a socket part (2), both having a lamina including  
5 identification elements and reflective or catadioptric elements (7). The tap part has a sharp stem with a double conical tip and with several longitudinal grooves (12) running over it, the socket part (2) has a cylindrical part (16) with several notches (17) on the inner walls inside of which the capsule (3) and the piston (4) are placed, and a hole (18) in the  
10 upper part around which there are other small holes of a small section or capillaries (19), and a small hollow receptacle (20) is arranged in the lower area of the cylindrical part.

2.- Improved ear tag characterized in that it incorporates a reading  
15 and writing chip (24) on any of its three parts, the tap part (1), socket part (2) or piston (4).

3.- Improved ear tag characterized in that it includes a socket part (2) with a cylindrical part (16) whose inner walls have several notches  
20 (17) in a variable number with a separation equal to the upper part, a lamina (18) covering a hole surrounded by other small holes of a small section or capillaries (19) and there is a small hollow receptacle (20) in the upper area of the cylindrical part.

25 4.- Improved ear tag characterized in that it includes a piston (4) located inside of the cylindrical part (16) of the socket part, constituted of a cylindrical part and several protrusions or snugs (21) on the sides, and a hollow area (22) on the upper part, formed by two superimposed cones, and a circular groove (23) on the lower part, the chip (24) is

optionally placed on the lower, inner part and the reflective or catadioptric elements (7) are placed on the outside.

5 5.- Improved ear tag characterized in that it includes a security hologram on any of its three parts, the tap part (1), socket part (2) or hollow part (14).

6.- Improved ear tag characterized in that it incorporates a security engraving (25) against falsification on the laminar areas (14) and (15).

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7.- Improved ear tag characterized in that it incorporates fluorescent dyes.